



Product Service

# CERTIFICATE

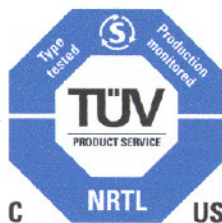
No. U8V 06 07 21433 116

**Holder of Certificate:** Vicor Corporation

25 Frontage Road  
Andover, MA 01810  
USA

**Production Facility(ies):** 21433

**Certification Mark:**



**Product:** DC converter  
DC/DC-Converter

**Model(s):** VI-HAMD CL-XX  
See attachment for nomenclature breakdown.

**Parameters:**

Rated Input Voltage:	120-373 V DC
Rated Input Current:	8 A
Rated Output Power:	675 W Max.

**Tested according to:** CAN/CSA-C22.2 No. 60950-1:2003  
UL 60950-1: 2003  
EN 60950-1:2001

The product was voluntarily tested according to the relevant safety requirements and mentioned properties. It can be marked with the certification mark shown above. The certification mark must not be altered in any way. See also notes overleaf.

**Test report no.:** 090-405218-100

**Date,** 2006-07-31

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Product Service

**Attachment to NRTL Certificate U8V 06 07 21433 116**

Company: Vicor Corporation  
 25 Frontage Road  
 Andover, MA 01810 USA

**VI-HAM Family Tree  
 Model VI-aAMB-de-xx**

<b>VI</b>	<b>Product Type</b> VI = Commercial VE = RoHS Compliant MI = Military
<b>a</b>	<b>Module Type</b> H = Drive Module (master) B = Boost Module (slave)
<b>b</b>	<b>Input Ratings</b> D = 120-373 Vdc, 8A Blank = 85-264 Vac, 47-63 Hz, 8 A Max
<b>d</b>	<b>Product Grade</b> C = Commercial           -20 °C to 85 °C I = Industrial            -40 °C to 85 °C M = Military             -55 °C to 85 °C E = Economy             0 °C to 85 °C
<b>e</b>	<b>Output Ratings</b> M = 600W, 250-400 Vdc L = 675W, 275-425 Vdc
<b>xx</b>	<b>Customer Options (Non safety related)</b> xx = any alpha-numeric combination or blanks)

Notes:

1. The VI-HAM family of products are designed for building-in
2. "de" can be replaced by 00-99 for customer specials (non-safety related changes)
3. The maximum baseplate temperature is 85 °C and should be measured in end use
4. Each module requires a 10A fuse
5. An SOC type HT 6.3 A fuse is acceptable for reduced power applications
6. The VI-HAM family of products are non-isolating
7. Basic insulation is provided from Input/Output to Baseplate.
8. The output power of the M version is de-rated linearly 8 W/V from 600 Wout at 110 Vin to 400 Wout at 85 Vin.
9. The output power of the L version is de-rated linearly 9 W/V from 675 Wout at 110 Vin to 450 Wout at 85 Vin.

*Handwritten signature*  
 2/31/06